

NAME OF WORK: Modified Estimate for Construction of Compound gate to Mini Vidhana soudha and Construction of Auditoriums in Government first grade college and Bangla Government Higher Primary school and other developmental works in Kempegowda ward No. 01

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Sr.No	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	North Side		1	14.80	0.30	0.20	0.69		
	Western side		1	19.45	0.30	0.20	1.17		
	southern side		1	4.60	0.30	0.20	0.28		
	Eastern side 1		1	10.40	0.30	0.20	0.62		
	Eastern side 2		1	6.80	0.30	0.20	0.41		
	Pathway Entrance		1	1.90	0.30	0.20	0.11		
	Kempe Gowda Statue		1	2.30	0.30	0.20	0.14		
	Western Side 1		1	15.40	0.30	0.20	0.92		
	Western Side 2		1	17.10	0.30	0.20	1.03		
	Southern Side		1	9.80	0.30	0.20	0.59		
	Eastern Side		1	36.40	0.30	0.20	2.18		
	Northern Side		1	13.20	0.30	0.20	0.79		
	Around Kempe Gowda Statue for Granite Laying		2	1.20	0.30	0.20	0.14		
	Deduct for Status Pedestal		-1	12.10	11.00	0.25	33.28		
	Deduct for soak pit		-1	3.75	4.70	0.25	4.41		
	Culvert Near Gate		-1	1.70	1.80	0.25	0.77		
			1	14.00	1.80	1.60	40.32		
	Sandeep Unni Krishna Road RHS Grill		1	50.00	1.00	1.00	50.00		
						Total Qty	1,755.44	339.03	595,153.00
						Approved Amount	339.03		
3	KSRB 2.6 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specifications. specification No. KBS (Page No. 7, Item No. - 2.15 of PW;P&I WTD S.R 2018-19)								
						Total Qty	0.00	2754.22	0.00
						Approved Amount	2754.22		
4	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. Including cost of all labour complete as per specifications. No. KBS 2.9 (Page No. 7, Item No. - 2.10 of PW;P&I WTD S.R 2018-19)								
						Total Qty	0.00	227.91	0.00
						Approved Amount	227.91		
5	KSRRB M400-19: Construction of Median and island above road level with approved material deposited from soil deposits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No. 407 (Page No. 155, Item No. - 20.20 of PW;P&I WTD S.R 2018-19)								
						Total Qty	0.00	236.98	0.00
						Approved Amount	236.98		
6	Providing and injecting chemical emulsion for Pre-construction Anti-Termite Treatment creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, Surrouding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration at 3.19 Litre/sqm., including cost of chemical, diluting in water to one percent concentration, labour, HOM complete as per specifications. (Plinth area of the building at ground floor only shall be measured) Specification No. KBS : 3.2.6 / 3.2.7 (Page No. 10, Item No. - 3.2 of PW;P&I WTD S.R 2018-19)								
						Total Qty	0.00	120.19	0.00
						Approved Amount	120.19		

Sl No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
7	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1,4.2								
	(Page No. 13, Item No. - 4.3 of PW;P&IWD S.R 2018-19)								
	Compound Wall								
	From Building (Main Road)		1	56.80	1.20	0.15	10.22		
	Gate Connect		2	1.45	1.20	0.15	0.52		
	From Main Road to School Building		1	41.50	1.20	0.15	7.47		
	Next to Toilet Block, Mini Vidhansoudha		1	88.20	1.20	0.15	15.88		
	North East Corner		1	3.50	1.20	0.15	0.63		
	Footing		2	3.00	1.80	0.15	1.62		
	Compound Wall								
	Adjesent To shops Western Side		1	20.80	1.20	0.15	3.74		
	PU College Footing								
	Auditorium Extension		12	2.50	2.50	0.20	15.00		
	For Kerb Stone, Pathway								
	From Gate to Mini Vidhansoudha LHS and RHS		4	63.50	0.225	0.125	7.14		
	Deduct		-1	1.65	0.225	0.125	-0.05		
	LHS Temple		-1	1.90	0.225	0.125	-0.05		
	LHS Ashok Pillar		-1	1.60	0.225	0.125	-0.05		
	RHS Kempegowda Statue		-1	14.90	0.225	0.125	-0.42		
	RHS Schol								
	For Kerb Stone								
	Temple Pathway								
	In front of Temple, Kerb		1	15.10	0.225	0.125	0.42		
			5	2.50	0.225	0.125	0.35		
	Ashoka Pillar		1	14.80	0.225	0.125	0.42		
	North Side		1	19.45	0.225	0.125	0.55		
	Western Side		1	4.60	0.225	0.125	0.13		
	Southern Side		1	10.40	0.225	0.125	0.29		
	Eastern side 1		1	6.80	0.225	0.125	0.19		
	Eastern side 2		1	1.90	0.225	0.125	0.05		
	Pathway Entrance		1	2.30	0.225	0.125	0.06		
	Kempe Gowda Statue		1	15.40	0.225	0.125	0.43		
	Western Side 1		1	17.10	0.225	0.125	0.48		
	Western Side 2		1	9.80	0.225	0.125	0.28		
	Southern Side		1	36.40	0.225	0.125	1.02		
	Eastern Side		1	13.20	0.225	0.125	0.37		
	Northern Side		2	1.20	0.225	0.125	0.07		
	Pathway Entrance								
	Culvert Near Gate		1	14.00	1.80	0.20	5.04		

Sl No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	Sandeep Unni Krishna Road RHS Grill		1	50.00	1.00	0.15	7.50		
						Total Qty	79.33	5785.12	458,926.00
		Approved Amount		5785.12					
8	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13								
	(Page No. 25, Item No. - 5.6 of PW;P&IWD S.R 2018-19)								
		Cum							
	Compound Wall								
	1st Step								
	From Building (Main Road)								
			1	56.80	0.90	0.45	23.00		
	Gate Connect		2	1.45	0.90	0.45	1.17		
	From Main Road to School Building								
			1	41.50	0.90	0.45	16.81		
	Next to Toilet Block, Mini Vidhansoudha								
			1	88.20	0.90	0.45	35.72		
	North East Corner								
	CH: 00.00 to 3.50 m		1	3.50	0.90	0.45	1.42		
	2nd Step								
	From Building (Main Road)								
			1	56.80	0.75	0.45	19.17		
	Gate Connect		2	1.45	0.75	0.45	0.98		
	From Main Road to School Building								
			1	41.50	0.75	0.45	14.01		
	Next to Toilet Block, Mini Vidhansoudha								
			1	88.20	0.75	0.45	29.77		
	North East Corner								
	CH: 00.00 to 3.50 m		1	3.50	0.75	0.45	1.18		
	Adjesent To shops Western Side								
	CH: 00.00 to 20.80 m		1	20.80	0.90	0.45	8.42		
						Total Qty	151.65	5211.37	790,316.00
		Approved Amount		5211.37					
9	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13								
	(Page No. 25, Item No. - 5.9 of PW;P&IWD S.R 2018-19)								
		Cum							
	Compound Wall								
	1st Step								
	From Building (Main Road)								
			1	56.80	0.55	0.375	11.72		
	Gate Connect		2	1.45	0.55	0.60	0.96		
	From Main Road to School Building								
			1	41.50	0.55	0.45	10.27		
	Next to Toilet Block, Mini Vidhansoudha								
			1	88.20	0.55	0.894	43.37		
	North East Corner								
	CH: 00.00 to 3.50 m		1	3.50	0.55	1.00	1.93		

Sl.No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	Adjesent To shops Western Side								
	CH: 00.00 to 20.80 m		1	20.80	0.55	0.30	3.43		
	Sandeep Unni Krishna Road RHS Grill								
			1	50.00	0.60	0.80	24.00		
						Total Qty	95.67	6217.13	594,782.00
		Approved Amount		6217.13					
10	KSRB 15.1 Providing flush pointing 20 mm deep to square rubble, course or uncoursed stone masonry with cement mortar after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications								
	(P No. 115, I No. - 15.1 of PW;P&I WTD SR 2018-19)								
		Sqm							
	Compound Wall								
	From Building (Main Road)								
			2	56.80		0.38	42.94		
	Gate Connect		4	1.45		0.60	3.48		
	From Main Road to School Building								
			2	41.50		0.45	37.35		
	Next to Toilet Block, Mini Vidhansoudha								
			2	88.20		0.90	157.88		
	North East Corner								
	CH: 00.00 to 3.50 m		2	3.50		1.00	7.00		
	Adjesent To shops Western Side								
	CH: 00.00 to 20.80 m		1	20.80		0.3	6.24		
	Sandeep Unni Krishna Road RHS Grill								
			2	50.00		0.80	80.00		
							334.89	159.88	53,542.00
		Approved Amount		159.88					
11	KSRB 4.1.6 : Providing and laying in position reinforced cement concrete of design mix M15 with OPC cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6								
	(P No. 13, I No. - 4.6 of PW;P&I WTD SR 2018-19)								
		Cum							
	Compound Wall								
	From Building (Main Road)								
			1	56.80	0.55	0.16	5.12		
	Gate Connect		2	1.45	0.55	0.20	0.32		
	From Main Road to School Building								
			1	41.50	0.55	0.20	4.57		
	Next to Toilet Block, Mini Vidhansoudha								
			1	88.20	0.55	0.20	9.70		
	North East Corner								
	CH: 00.00 to 3.50 m		1	3.50	0.55	0.20	0.39		
	Deduct Pilaster		-48	0.25	0.25	0.20	-0.60		
	Coping								
	Compound Wall								
	From Main Road to School Building								

Sl No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
			1	41.50	0.15	0.10	0.62		
	Next to Toilet Block, Mini Vidhansoudha		1	88.20	0.15	0.10	1.32		
	North East Corner CH: 00.00 to 3.50 m		1	3.50	0.15	0.10	0.05		
	Culvert Near Gate		1	14.00	0.60	0.100	0.84		
			2	14.00	0.60	0.075	1.26		
	Sandeep Unni Krishna Road RHS Grill		1	50.00	0.60	0.10	3.00		
							26.59	6147.96	163,489.00
	Approved Amount			6147.96					
12	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exclusive of cost of steel and fabrication charges) - Ready mixed Cement concrete for Beams, Staircase and Roof with M-20 -footing Concrete (P.No.18, I.No.4.48. of PW, P&IWD SR2018-19)								
						Total Qty	0.00	6172.91	0.00
	Approved Amount			6172.91					
13	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (P.No.16, I.No.4.28 of PW, P&IWD SR2018-19)								
		Sqm							
	Compound Wall		48	1.00		1.80	86.40		
	Pilaster (.25*4)=1								
	Footing (2*2)		4	3.00		1.20	14.40		
	Column (4*4)		16	0.45		3.60	25.92		
	For PlinthAbove SSM								
	From Building (Main Road)		2	56.80	0.17		19.31		
	Gate Connect		4	1.45	0.20		1.16		
	From Main Road to School Building		2	41.50	0.20		16.60		
	Next to Toilet Block, Mini Vidhansoudha		2	88.20	0.20		35.28		
	North East Corner		2	3.50	0.20		1.40		
	For PlinthAbove SSM								
	Adjesent To shops Western Side		2	20.80	0.2		8.32		
	CH: 00.00 to 20.80 m								
	PU College, Column		12	3.00		2.00	72.00		
	Auditorium Extension								
							280.79	292.54	82,144.00
	Approved Amount			292.54					
14	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.17, I.No.4.36 of PW, P&IWD SR2018-19)								
		Sq-m							
						Total Qty	0.00	856.09	0.00
	Approved Amount			856.09					

Sr. No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
15	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin, jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S. 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.								
	(P.No.27, I.No.5.27.2 of PW, P&I/WD SR2018-19)								
		Sqm							
	Compound Wall								
	From Main Road to School Building								
			1	41.50		1.80	74.70		
	Next to Toilet Block, Mini Vidhansoudha								
			1	88.20		1.80	158.76		
	North East Corner								
	Ch. 00.00 to 3.50 m		1	3.50		1.80	6.30		
	Extra Wall		1	4.30		1.60	6.88		
	Steps Near Opening		4	1.20		0.20	0.96		
	Deduct Pilaster		-48	0.25		1.80	-21.60		
	Deduct Opening		-1	1.20		1.80	-2.16		
						Total Qty	223.84	1080.60	241,881.00
		Approved Amount							
								1080.60	
16	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.9.3 - TMT bars Fe 500								
	(P.No.18, I.No.4.46.2 & 4.47 of PW, P&I/WD SR 2018-19)								
				Mtonne					
	100kg/ Cum for Footing		1	19.55		100.00	1,955.00		
	100kg/ Cum Columns		1	25.44		100.00	2,544.00		
	100kg/Cum Plinth Beam		1	23.90		110.00	2,629.00		
							7,128.00		
	Total Qty Rebar Steel Quantity						7.13	80467.78	573,574.00
		Approved Amount							
								80467.78	
17	Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Cement Mortar 1:4.KSRB 6-6.3								
	(Page No. 116 , Item No. - 15.16 of PW;P&I/WD S.R 2018-19)								
		Sqm							
	Compound Wall								
	From Main Road to School Building								
			2	41.50		1.95	161.85		
	Next to Toilet Block, Mini Vidhansoudha								
			2	88.20		1.90	335.16		
	North East Corner								
	Ch. 00.00 to 3.50 m		2	3.50		1.90	13.30		
	Steps Near Opening		4	1.20		0.45	2.16		
						Total Qty	512.76	295.95	151,749.00
		Approved Amount							
								295.95	
18	KSRB 14.5 : Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed including cost of materials, labour, curing complete as per specifications. Specification No. KBS 14.26								
	(PW,P& I/WD, SR 18-19, Page No -103, I.No-14.5)								
		Sqm							
	For Compound Wall								
	Granite top								
			1	20.80	0.75		15.60		
	Shops Side								
			1	6.20	0.75		4.65		
	Main Road Side LHS								

Sl.No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount In Rs.
	Main Road Side RHS		1	12.20	0.75		9.15		
	Gate Portion		2	2.20	0.75		3.30		
	Deduct								
	Stone Pillar		-14	0.30	0.30		-1.26		
	MS Pillar		-26	0.13	0.13		-0.44		
	SSM Wall								
	Shops Side		2	20.80		0.65	27.04		
	Main Road Side LHS		2	6.20		0.65	8.06		
	Main Road Side RHS		2	12.20		1.00	24.40		
	Gate Portion		4	2.20		1.00	8.80		
	Gate Columns (4*4)		16	0.55		2.60	22.88		
	Flooring Kempe gowda Statue		1	12	11.00		133.10		
	Deduct Statue Pedestal		-1	3.75	4.70		-17.63		
							237.66	1342.53	319,059.00
	Approved Amount			1342.53					
19	Fabricating, supplying and erecting M.S. Angular Truss for all spans as per approved designs and drawing. The entire truss is anchored suitably by using 4 Nos. of M.S. anchor bolts at each support, with base plate and shoe plate. The work includes cutting, Straightening, placing in position of M.S. angle and welding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per								
	(PW,P& ISTD, SR 18-19, Page No -43, I.No-7.30)								
		Kg							
						Total Qty	0.00	145.14	0.00
	Approved Amount			145.14					
20	Providing and installing of pre painted Galvalume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The Total Qty coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy Sqm 573.00 299								
	(PW,P& ISTD, SR 18-19, P-299, I.No-38.30)								
		sqm							
	Corrugated Sheets		1	21.75	20.50		445.88		
							445.88	780.12	347,834.98
	Approved Amount			780.12					
21	Providing and fixing stainless steel 304 grade for staircase railings, balconies, ramps, with hand rail, 50mm dia 16 gauge hollow pipe welded to vertical hollow 50mm dia pipe of 16 gauge, stainless steel vertical pipe spaced at 1.20m regular intervals and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of and electrical charges, etc., complete as per specifications.								
	(PW,P& ISTD, SR 18-19, P-45, I.No-7.38)								
		sqm							
						Total Qty	0.00	6827.16	0.00
	Approved Amount			6827.16					
22	KSRRB M300-1. KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3								
	(P.No.143, I.No.19.1 of PW, P&ISTD SR 2018-19)								
		Cum							
						Total Qty	0.00	147.41	0.00
	Approved Amount			147.41					

Sl.No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
23	KSRB 14.6-1: Providing & laying heavy duty cobble stones 60mm thick interlock pavers, using cement & coarse sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (Avg thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS								
	(P.No 103 of I.No.14.6 in PW,P&I WTD SR 2018-19)								
		Sqm							
	Driveway From Gate to Mini Vidhansoudha		1	63.50	5.47		347.03		
	Temple Pathway		1	15.10	1.70		25.67		
							372.70	1193.99	444,996.00
	Approved Amount				1193.99				
24	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.								
	(P.No 27 of I.No.5.30 in PW,P&I WTD SR 2018-19)								
		No's							
	For Kerb Stone, Pathway From Gate to Mini Vidhansoudha LHS and RHS		4	63.50		/0.45	564.44		
	Deduct								
	LHS Temple		-1	1.65		/0.45	-3.67		
	LHS Ashok Pillar		-1	1.90		/0.45	-4.22		
	RHS Kempegowda Statue		-1	1.60		/0.45	-3.56		
	RHS Schol		-1	14.90		/0.45	-33.11		
	For Kerb Stone								
	Temple Pathway		2	15.10		/0.45	67.11		
	In front of Temple, Kerb		5	2.50		/0.45	27.78		
	Ashoka Pillar								
	North Side		1	14.80		/0.45	32.89		
	Western Side		1	19.45		/0.45	43.22		
	Southern Side		1	4.60		/0.45	10.22		
	Eastern side 1		1	10.40		/0.45	23.11		
	Eastern side 2		1	6.80		/0.45	15.11		
	Pathway Entrance		1	1.90		/0.45	4.22		
			1	2.30		/0.45	5.11		
	Kempe Gowda Statue								
	Western Side 1		1	15.40		/0.45	34.22		
	Western Side 2		1	17.10		/0.45	38.00		
	Southern Side		1	9.80		/0.45	21.78		
	Eastern Side		1	36.40		/0.45	80.89		
	Northern Side		1	13.20		/0.45	29.33		
	Pathway Entrance		2	1.20		/0.45	5.33		
							959.00	462.63	443,660.00
	Approved Amount				462.63				
25	KSRRB 800-1: Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8								
	(Page No.180. Item no.24.1 of KPWD S.R Bangalore Circle 2018-2019))								
		Sqm							

Sl No	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	For Kerb Stone, Pathway From Gate to Mini Vidhansoudha LHS and RHS								
			4	63.50		0.35	88.90		
	Deduct								
	LHS Temple		-1	1.65		0.35	-0.58		
	LHS Ashok Pillar		-1	1.90		0.35	-0.67		
	RHS Kempegowda Statue		-1	1.60		0.35	-0.56		
	RHS Schol		-1	14.90		0.35	-5.22		
	For Kerb Stone Temple Pathway								
			2	15.10		0.35	10.57		
	In front of Temple, Kerb		5	2.50		0.35	4.38		
	Ashoka Pillar								
	North Side		1	14.80		0.35	5.18		
	Western Side		1	19.45		0.35	6.81		
	Southern Side		1	4.60		0.35	1.61		
	Eastern side 1		1	10.40		0.35	3.64		
	Eastern side 2		1	6.80		0.35	2.38		
	Pathway Entrance		1	1.90		0.35	0.67		
			1	2.30		0.35	0.81		
	Kempe Gowda Statue								
	Western Side 1		1	15.40		0.35	5.39		
	Western Side 2		1	17.10		0.35	5.99		
	Southern Side		1	9.80		0.35	3.43		
	Eastern Side		1	36.40		0.35	12.74		
	Northern Side		1	13.20		0.35	4.62		
	Pathway Entrance		2	1.20		0.35	0.84		
							150.92	90.71	13,690.00
	Approved Amount			90.71					
26	KSRB 4.2.2 Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.460 cum, with super plasticisers @ 3 liters conforming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications.								
	(P.No.14, I.No.4.11 of PW, P&I WTD SR2018-19)								
		Cum							
	Compound Wall								
	Columns		48	0.25	0.25	1.80	5.40		
	Footing		2	3.00	1.50	1.20	10.80		
	Column for gate Entrance		4	0.45	0.45	3.60	2.92		
	Footing Concrete								
	PU College, Footing								
	Auditorium Extension		12	2.50	2.50	0.60	45.00		
	Driveway From Gate to Mini Vidhansoudha								
			1	63.50	6.05	0.125	48.02		
	Saucer Drain From Gate to Mini Vidhansoudha								
			2	63.50	0.30	0.125	4.76		

Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	Temple Pathway		1	15.10	1.70	0.125	3.21		
	Airround Kempe Gowda Statue for Granite Laying		1	12.10	11.00	0.125	16.64		
	Deduct for Statue Pedestal		-1	3.75	4.70	0.125	-2.20		
	Deduct for Soak Pit		-1	1.70	1.80	0.125			
							134.54	6416.69	863,325.00
		Approved Amount		6416.69					
27	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6								
	(P.No.14, I.No.4.13 of PW, P&IWD SR2018-19)								
		Cum							
	Footing Concrete								
	PU College, Columns		12	0.75	0.75	2.00	13.50		
	Auditorium Extension, Columns						13.50	6680.89	90,192.00
		Approved Amount		6680.89					
28	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification								
	(PW,P& IWD, SR 18-19, Page No -43, I.No-7.29)								
	Truss	Kg							
	Circular Hollow Section (25mm nominal Bore X4.0mm)		1.00	33.75		2.93	98.89		
	Circular Hollow Section (50mm nominal Bore X4.5mm)		1.00	33.75		5.90	199.13		
	Purlins Circular Hollow Section (50mm nominal Bore X4.5mm)		45.00	14.50		5.90	3849.75		
	Structural Columns Circular Hollow Section (300mm nominal Bore X8.0mm)		12.00	4.50		68.60	3704.40		
	Base Plate		12.00	0.25		820.00	2460.00		
							10,312.16	104.32	1,075,745.00
		Approved Amount		104.32					

Sl.No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
29	KSRRB M200-13.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 & M-20. MORTH Specification No. 202.								
	(P.No. 139, I.No. 18.20 of CSR 2018-19)								
		CUM							
	Existing Compound Wall								
	Adjesent To shops Western Side								
			1	56.80	0.30	1.80	30.67		
	From Main Road to School Building								
	CH: 00.00 to 30.00m		1	41.50	0.30	1.80	22.41		
	Next to Toilet Block, Mini Vidhansoudha								
			1	88.20	0.30	1.80	47.63		
	North East Corner								
	CH: 00.00 to 3.50 m		1	3.50	0.30	1.80	1.89		
	Existing Compound Wall								
	Adjesent To shops Western Side								
			1	21.80	0.90	0.45	8.83		
							111.43	442.22	49,276.00
		Approved Amount		442.22					
30	KSRRB 5.2-3 Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6. stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13								
	(Page No. 23, Item No. - 5.6 of PW;P&IWD S.R 2018-19)								
		Cum							
	Culvert Near Gate								
			2	14.00	0.60	1.50	25.20		
	Sandeep Unni Krishna Road RHS Grill								
	1st Step		1	50.00	0.90	0.45	20.25		
	2nd Step		1	50.00	0.75	0.45	16.88		
						Total Qty	62.33	5095.71	317,590.17
		Approved Amount		5095.71					
31	Fabricating, providing and erecting in position of MS Hot Dip Galvanized Sq. Hallow Poles of 132 x 132 Heavy gauge of length 3000mm with MS. Hot dip galvanized grill work as per approved design and drawing of chief architect. Using 12x75mm galvanized flat for alround frame and 20mm x 20mm galvanized-forged design with square for for vertical al 150mm C/C as shown in the drawing including providing forged ornamental arrow head in top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour, machinery and incidental charges for the successful completion of the work as per the direction Engineer-in-charge of the work.								
		Sqm							
	Shops Side		6	3.05		1.80	32.94		
	Main Road Side LHS		2	2.70		1.80	9.72		
	Main Road Side RHS		4	2.60		1.80	18.72		
	Behind Temple								
	Towards Mini VidhanSoudha		1	1.00		1.30	1.30		
	Western side 1		1	6.80		1.30	8.84		
	Western side 2		1	9.50		1.30	12.35		
	Sandeep Unni Krishna Road RHS Grill								

Sl No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
			1	50.00		1.80	90.00		
							173.87	9600.43	1,669,227.00
		Approved Amount		9600.43					
32	Fabricating, providing and erecting in position Hot dip galvanized Gate. Using 72 x 72 x 4.8mm Sq. G I Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanized sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot do galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50X6mm arch bent to hot dip galvanized flats. the work is inclusive of throughing GI, flat GI Sqm. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials Like G I Sq. GI Pipe, GI Forged designs etc., heavy duty hinges are made out of 75mm sold sq. block assembled with 20mm du bearing in three places for each flop. Heavy duty locking arrangement of low places including cost of labour, painting, erection charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineering charge of								
		Sqm							
	From Main Road								
	LHS Side Gate for Walkway		1	1.40		3.00	4.20		
	RHS Side Gate for Walkway		1	1.40		3.00	4.20		
	Main Gate		1	6.05		3.00	18.15		
							26.55	13097.53	347,740.00
		Approved Amount		13097.53					
33	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using copper PVC insulated multi strand2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. (5/2.1) I. Point wiring using class A Materials a) Short point up to 3Mtr from tapping point to out let via switch GROUP A								
		Each					0.00	182.68	0.00
		Approved Amount		182.68					
34	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using copper PVC insulated multi strand2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. (5/2.1) I. Point wiring using class A Materials b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch GROUP A								
		Each					0.00	257.23	0.00
		Approved Amount		257.23					
35	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using copper PVC insulated multi strand2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. (5/2.1) I. Point wiring using class A Materials c) Long point above 6Mtr up to 10Mtr from tapping point to out let via switch GROUP A								
		Each					0.00	381.11	0.00
		Approved Amount		381.11					
36	wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand 1x1Sqmm copper wire with low conductor resistance single core wire in open or concealed system of wiring specified IS-694								
		Each					0.00	13.65	0.00
		Approved Amount		13.65					
37	Supplying and mounting 2 Nos. of 2 way 6 amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flush mounted wooden box and wiring as								
		Each					0.00	179.53	0.00
		Approved Amount		179.53					
38	Supplying 6A flush type socket and 6 amps flush type SP switch either flush mounting in a existing in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required.(15/3.1) b) 6Amps 3/5 way switch socket.								
		Each					0.00	157.49	0.00
		Approved Amount		157.49					
39	Supply and fixing of bakelite modular switch/ socket /stepped electronic fan regulator on existing modular switch plate as per IS 3854 and IS 1293								
		Each					0.00	300.27	0.00
		Approved Amount		300.27					

S. No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
40	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy class-3 with Short circuit breaking capacity of 10K and complete wiring as required.(47/6.16) 5-32Amps SPN Group 'A'	Each					0.00	438.86	0.00
	Approved Amount			438.86					
41	Supplying PVC/GI flexible conduit pipe...mm dia fixing on surface over inverted lapped wooden plugs or phill plugs or rawi plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and the other end of the pipe terminated completely.(3/1.9)a) 25mm	Mtr.					0.00	24.15	0.00
	Approved Amount			24.15					
42	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or concealed system of wiring. (6/2.5) DISTRIBUTION BOARDS AND 15 Amps plug points 4 sqmm	Mtr.					0.00	30.66	0.00
	Approved Amount			30.66					
43	Supplying tinned copper lugs and crimping and wiring to termina point for wire of the following sizes.(64/7.21)4/6 sqmm	Each					0.00	6.56	0.00
	Approved Amount			6.56					
44	Supplying of 4' feet - LED PVC Square batten 28W with high quality diffuser with Life 25000 burning hours & 70% lumen maintenance with CRI > box type suitable for 28W T5 single t 80. Power input; 220-240V @ 50Hz & power factor > 0.9 along with CE approved drivers. 5years warranty against any manufacturing defect working u win lamp & suspennder standerd electrical condition. (25/4.29.2) 1x4'-28 Watts	Each					0.00	1862.52	0.00
	Approved Amount			1862.52					
45	Fixing all types and all capacities of fluorescent / false ceiling / spot / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps.	Each					0.00	102.89	0.00
	Approved Amount			102.89					
46	Supplying of 1440rpm heavy duty exhaust fan with bracke tblades suitable to operate on 230V 50Hz, AC Supply complete (78/9.2.2) I) 12" Sweep (300mm)	Each					0.00	3836.33	0.00
	Approved Amount			3836.33					
47	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved.(78/9.3.1.2) a.Regular model (Khaitan, Crompton Greaves, Orient, Polar, Bajaj Havells) 48" (1200mm)	Each					0.00	1994.81	0.00
	Approved Amount			1994.81					
48	Supplying of 2'x2' LED recessed liminaire with 36 Watts system wattage. Housing Shall be with pressure die cast aluminum alloy with corrosion proof resistant polyester power coated. Drive operates with voltage range from 100V to 270V 50/60Hz with short circuit, overload and mis-wiring protection. Lumen Maintenance of 70% at 70% at 50000 Hrs. injection moulded poly carbonate diffuser for better mechanical stability, light transmission & avoid pot hole effect. Junction Temperature shall be <70 degree Celsius. Driver is on constant current driver @ 0.05A with PF >0.92 with line voltage @ 220-240V 50/60Hz, driver efficiency > 85% & THD< 15%, LED Efficiency > 130 lm/W at 1W & Fixture Efficiency > 75lm/w with CRI > 75 with injection moulded polycarbonate lens with < 80mm depth. 5Years Warrenty against any manufacturing defect working under standerd electrical condition (26/4.33.2) a)2'x2'-36Watts	Each					0.00	8653.28	0.00
	Approved Amount			8653.28					
49	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint, etc. complete (49/6.40.1)a) 14SWG	Sq cm					28000.00	0.39	10,876.96
	Approved Amount			0.39					

	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
52	Supplying 100amps rated 3phase with neutral bus bar using required capacity electrolytic aluminium strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DM insulator which are mounted on powder coated 40x6mm M.S flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts,nuts and washers etc., complete (49/6.38.1) b) 100Amps 4x30x10mm Alluminium Strips	Rmtr.					0.00	2241.54	0.00
	Approved Amount			2241.54					
53	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C 50 Hz 12/24v D.C (48/6.36) Group A	Each					0.00	464.06	0.00
	Approved Amount			464.06					
52	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required (47/6.16) a) 5-32Amps SP Group 'A'	Each					3.00	434.66	1,304.00
	Approved Amount			434.66					
53	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc. and painted with 2 coats of red oxide and then two coats of approved paint. (49/6.39) d) 50x50x6mm C channel	Rmtr.					0.00	354.87	0.00
	Approved Amount			354.87					
54	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required (55/7.3.1) GI strip 25x3mm	Mtr.					0.00	80.84	0.00
	Approved Amount			80.84					
55	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanised, steel wire/steel tap armoured cable with PVC outer sheathing 1.1 KV class (55/7.4) Class 'A' PVC Cable 3.5 core 25 sqmm	Mtrs.					0.00	689.78	0.00
	Approved Amount			689.78					
56	Digging of trench of 0.6m deep x 0.50 mtr wide refiling the trench to the required ground level and consolidating etc., complete. (As per Civil SR KSRB I-2, P-7)(61/7.9) In soil (ordinary)	Mtrs.					0.00	81.89	0.00
	Approved Amount			81.89					
57	Supplying tinned copper lugs and crimping and wiring to minal point for wire of the following sizes (64/7.21) f) 25 sqmm	Each					0.00	253.03	0.00
	Approved Amount			253.03					
58	Supply of LED floodlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/clear glass material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/ IEC 60598, LM 79 & LM 80 Acherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have inhouse facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001 2008 Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source. (As per SR KSRB I-12.9.6, P-67)	Each					0.00	18898.20	0.00
	Approved Amount			18898.20					
	LED Flood Light 200W	Each							
	Approved Amount			18898.20					

Sl.No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
59	Supply of LED pole mounting type post top lantern with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/ clear glass material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS . UL approved MCPCB . LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have inhouse facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source. (As per SR KSRB I-12.7.1, P-66)								
	LED Post Top Lantern with 25 watts	No's		24.00			0.00	5879.44	0.00
	Approved Amount		5879.44						
EIRL									
E1	Granite Stone pillar 7ftx1ftx1ft including fixing, crane and transportation charges etc., (Approved Data Rate)								
	Compound Wall	Nos					15.00		
	Nos		15						
	Total Qty						15.00	60000.00	900000.00
	Approved Rate (Data Rate)		60000.00						
E2	Granite Stone kalsa 2ftx1ftx1ft including fixing and transportation charges etc., (Approved Data Rate)								
	Column Top	Nos					32.00		
			32						
	Total Qty						32.00	10000.00	320000.00
	Approved Rate (Data Rate)		10000.00						
E3	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. (P.No-120,I No-15.53.2)								
	Compound Wall	Sqm							
	From Main Road to School Building								
	CH: 00.00 to 30.00m		2	30.00		1.85	111.00		
	CH: 30.00to 41.50 m		2	11.50		1.85	42.55		
	Next to Toilet Block, Mini Vidhansoudha								
	CH: 00.00 to 30.00m		2	30.00		1.85	111.00		
	CH: 30.00 to 60.00 m		2	30.00		1.85	111.00		
	CH: 60.00 to 88.20 m		2	28.20		1.85	104.34		
	North East Corner								
	CH: 00.00 to 3.50 m		2	3.50		1.85	12.95		
	Steps Near Opening		4	1.20		0.45	2.16		
	Column Projection (2*48)		96	0.10		1.85	17.76		
	Total Qty						512.76	110.16	56485.64
	Approved Rate		110.16						
E4	14.55. Providing full nosing for 20 mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification								
		RMT							
	Granite top								
	Shops Side		2	20.80			41.60		
	Main Road Side LHS		2	6.20			12.40		
	Main Road Side RHS		2	12.20			24.40		
	Gate Portion (4*4)		16	2.60			41.60		
	Total Qty						120.00	286.20	34344.00

S. No	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	Basic Rate	270.00							
	Area Weightage 6%	16.20							
	Total Amount	286.20							
E5	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc. complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	SQM							
	New Slabs								
	Entrance to mini Vidhansoudha		1	28.80	0.90		25.92		
	Total Qty						25.92	2337.00	60575.04
	Data Rate	2337.00							
E6	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2.4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc. complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	SQM							
	Culvert Near Gate		1	14.00	1.80		25.20		
	Total Qty						25.20	5418.00	136533.60
	Data Rate	5418.00							
E7	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)	Cum							
	Driveway From Gate to Mini Vidhansoudha		1	63.50	6.05	0.15	57.63		
	Saucer Drain From Gate to Mini Vidhansoudha		2	63.50	0.30	0.15	5.72		
	Temple Pathway		1	15.10	1.70	0.15	3.85		
	Allround Kempe Gowda Statue for Granite Laying		1	12.10	11.00	0.15	19.97		
	Deduct for Statue Pedestal		-1	3.75	4.70	0.15	-2.64		
	Parking		1	38.3	(15+10.6/2)	12.8	0.15		
	Deduct for Soak Pit		-1	1.70	1.80		0.15	-0.46	
	Total Qty						84.05	2001.28	168215.59
	Basic Rate	1888.00							
	Area Weightage 6%	113.28							
	Total Amount	2001.28							
E8	KSRRB 13-9. Providing, and fixing to wall, ceiling, and floor, high density poly ethylene pipes of 6.00KGF/sqcm working pressure of outside diameter raising mains and exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of material labor charges, HCM, and testing complete as per specifications(P.No-96,I No-13.72)	RMT							
	Driveway From Gate to Mini Vidhansoudha								

Sl No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
			2	63.50			127.00		
	loop		2	10.00	4.00		80.00		
	Temple Pathway		2	20.00			40.00		
	Allround Kempe Gowda Statue for Granite Laying		1	16.00			16.00		
			1	25.00			25.00		
	Garden Area Near Ashoka pillar		1	30.00			30.00		
			1	45.00			45.00		
Total Qty							363.00	277.72	100812.36

Basic Rate	262.00
Area Weightage 6%	15.72
Total Amount	277.72

6.4.1 Supplying, of 1.1KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded inner sheath armoured UF LT Cable as per IS 1554(Part-I) or IS 7098 Part -1 Armouring Strip thickness in average +5% and resistivity 14ohms/kms (max) as per IS -3975, Electrical SR 2019-20

	RMT								
	Driveway From Gate to Mini Vidhansoudha								
			2	63.50			127.00		
	loop		2	6.00	4.00		48.00		
	Temple Pathway		2	15.10			30.20		
	Allround Kempe Gowda Statue for Granite Laying		1	16.00			16.00		
			1	25.00			25.00		
	Compound Side for bollard lights								
	North		1	50.00			50.00		
	East		1	120.00			120.00		
	South		1	98.00			98.00		
	West		1	90.00			90.00		
	Garden Area Near Ashoka pillar		1	30.00			30.00		
			1	45.00			45.00		
Total Qty							679.20	100.70	68395.44

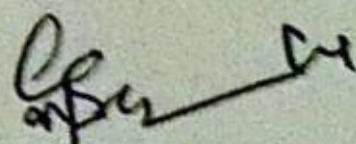
Basic Rate	95.00
Area Weightage 6%	5.70
Total Amount	100.70

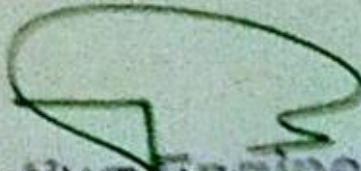
E10 Supply of LED pole mounting type post top lantern with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/ clear glass material, delivering superior light output. Rated life Burning Hrs 50000 hr@ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor>0.9 with mains, Surge Protection- Min 5KV along with Over voltage/Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/ IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB LED Efficiency>130 lm/w, nominal CRI >75. Luminaire manufacturer should have in- house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source. LED Post Top Lantern with 35 watts (Data Rate)

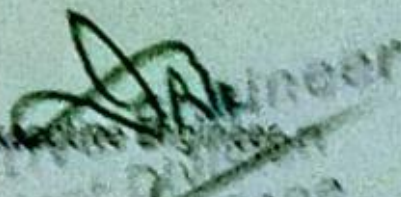
	Nos								
			4				4.00		
Gate Column							4.00	21095.00	84380.00
Total Qty							4.00	21095.00	84380.00

Sl.No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	Data Rate	21095.00							
E11	Supplying and Fixing of Ornamental/Designer Double arm Light Pole 6m Height with Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. (Data Rate)	Nos							
	Light Poles		8				8.00		
							Total Qty	8.00	25000.00
	Data Rate	25000.00							200000.00
E12	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with injection moulded polycarbonate material delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains. Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source. 90W. (Page No 66, I no 12.8.4, Ele SR, 2019-20)	Nos							
	Light Poles		8				8.00		
							Total Qty	8.00	7160.00
	Approved Rate	7160.00							57280.00
E13	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains. Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source. 70W. (Page No 66, I no 12.8.3, Ele SR, 2019-20)	Nos							
	Light Poles		8				8.00		
							Total Qty	8.00	5480.00
	Approved Rate	5480.00							43840.00
E14	Supply of LED Designer Bollard light fitting with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with injection moulded polycarbonate/clear glass material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains. Surge Protection- Min 5KV along with Over voltage/Overload, short circuit/ miss-wiring protection. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB, with 2 years Warranty against any manufacturing defect working under standard electrical condition. (Data Rate)								

Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate in Rs.	Amount in Rs.
	To Kempegowda Statue	Nos	4				4.00		
	Approved Rate	14835.00					Total Qty: 4.00	14835.00	59340.00
E15	Supplying of recess mounting non-integrated type Designer LED down light 15 to 18 W luminaire comprising of pressure diecast extruded aluminium housing, with spring loaded false ceiling clamps, LED of Max 25000 burning hours and Compliance to IS10322IEC 60598, LM79 & LM80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LED's are driven by HF electronic driver integrated in a separate control gear assembly, with PF > 0.95, power loss should < 5% of lamp wattage, short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by NABL/CPR electrical condition. (Data Rate)	Nos							
	Light Poles		8				8.00		
	Approved Rate	3939.00					Total Qty: 8.00	3939.00	31512.00
E16	Supplying and fixing Microprocessor based Electronic timer (with contactor, Din Mounting using necessary bolts, nuts and washers etc...) 3-120sec setting. (1 No 5.47, Ele SR- 2019-20)	Nos	3				3.00		
	Approved Rate	1925.00					Total Qty: 3.00	1925.00	5775.00
Total Construction Cost									12,091,248.51


Assistant Engineer

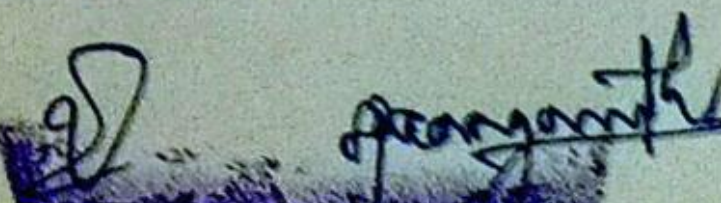

Asst. Executive Engineer


Executive Engineer

Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Project Division
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BBMP, Bangalore - 92

Technical Sanction
Accorded For **APB.05.12.2021**
Head of A/C **P.3.592**
CER NO : **7.6** Dt. **23.12.2021**


P.3.592